

IN THE CLAIMS

Applicant hereby presents the claims, including claims added by this amendment, the status of each claim in the application, and amendments thereto as indicated by the following:

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1. (twice amended) ~~A seismic suspension system adapter for suspending attachment hardware from a steel web joist including a beam with two angle elements each with a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions, comprising~~
a steel web joist including a beam with two angle elements, each having a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions;

~~an anchor plate having a first hole therethrough and extendable extending across the cord space ~~into~~ in juxtaposition with the second legs;~~

~~an engagement plate including a flat anchor portion having a second hole therethrough and upstanding engagement portions to either side of the flat anchor portion, the engagement plate extending across the cord space opposite the anchor plate, each upstanding engagement portion having a distal edge with an engagement profile ~~for~~ in interlocking engagement with the first legs;~~

~~a stud ~~extendable~~ extending from the first hole to and beyond the second hole, the stud being adapted to secure the anchor plate and the engagement plate to the beam of the steel web joist ~~with the anchor plate and the engagement plate positioned on the beam of the steel web joist, to suspend the attachment hardware therefrom and secure the anchor plate and the engagement plate to the steel web joist.~~~~

2. (amended) The ~~seismic adapter~~ system of claim 1, the stud being threaded and the anchor plate being a square flat plate with the first hole therethrough being centrally positioned and threaded to engage the threaded stud.

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3. (amended) The ~~seismic adapter~~ system of claim 1, each upstanding engagement portion being at an obtuse angle to the flat anchor portion.

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4. (amended) The ~~seismic adapter~~ system of claim 1, the engagement profile of the distal edge forming a tongue ~~extendable to~~ extending between the first legs of the steel web joist in the cord space and shoulders to either side of the tongue ~~to abut~~ abutting the first legs.

5. (amended) The ~~seismic adapter~~ system of claim 4, the tongue being tapered inwardly toward the distal extent thereof.

6. (twice amended) ~~A seismic suspension system adapter for suspending attachment hardware from a steel web joist including a beam with two angle elements each with a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions, comprising~~
a steel web joist including a beam with two angle elements, each having a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions;

an anchor plate having a first, threaded hole therethrough and ~~extendable~~ extending across the cord space into in juxtaposition with the second legs;

an engagement plate including a flat anchor portion having a second hole therethrough and upstanding engagement portions to either side of the flat anchor portion, the engagement plate extending across the cord space opposite the anchor plate, each upstanding engagement portion having a distal edge for in interlocking engagement with the first legs and being at an obtuse angle to the flat anchor portion, the distal edge forming a tongue ~~extendable to~~ extending between the first legs of the steel web joist in the cord space and shoulders to either side of the tongue ~~to abut~~

B4 abutting against the first legs, the tongue being tapered inwardly toward the distal extent thereof;

U a threaded stud ~~extendable~~ extending from the first, threaded hole to and beyond the second hole, the stud being adapted to secure the anchor plate and the engagement plate to the beam of the steel web joist with the anchor plate and the engagement plate positioned on a steel web joist, to suspend the attachment hardware therefrom and secure the anchor plate and the engagement plate to the steel web joist.

7. (twice amended) A seismic suspension system ~~adapter for suspending attachment hardware from a steel web joist including a beam with two angle elements each with a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions, comprising~~

a steel web joist including a beam with two angle elements, each having a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions;

a plate means for anchoring across the cord space ~~into~~ in juxtaposition with the second legs;

an engagement plate including a flat anchor portion having a hole therethrough and engagement means ~~for~~ in interlocking engagement with the first legs to either side of the flat anchor portion;

a stud ~~extendable~~ extending from the plate means to and beyond the hole, the stud being adapted to secure the plate means and the engagement plate to the beam of the steel web joist with the anchor plate and the engagement plate positioned on the beam of the steel web joist, to suspend the attachment hardware therefrom and secure the anchor plate and the engagement plate to the steel web joist.

B5 8. (new) A seismic suspension system comprising

1 b5 a steel web joist including a beam with two angle elements, each having a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions;

an anchor plate having a first hole therethrough and extending across the cord space in juxtaposition with the second legs;

an engagement plate including a flat anchor portion having a second hole therethrough and upstanding engagement portions to either side of the flat anchor portion, the engagement plate extending across the cord space opposite the anchor plate, each upstanding engagement portion having a distal edge with an engagement profile in interlocking engagement with the first legs;

an attachment bracket having a third hole;

a stud extending from the first hole, through the second hole, to and beyond the third hole, the stud being adapted to secure the anchor, the engagement plate, and the attachment bracket to the beam of the steel web joist.

9. (new) A seismic suspension system comprising

a steel web joist including a beam with two angle elements, each having a first leg and a second leg, the first legs being parallel with a cord space therebetween and the second legs extending in opposite directions;

a seismic adapter adapted to be removably affixed to substantially any point along the beam of the steel web joist without disassembly of the steel web joist, the seismic adapter including:

an anchor plate having a first hole therethrough and extending across the cord space in juxtaposition with the second legs;

an engagement plate including a flat anchor portion having a second hole therethrough and upstanding engagement portions to either side of the flat anchor portion, the engagement plate extending across the cord space opposite

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the anchor plate, each upstanding engagement portion having a distal edge with an engagement profile in interlocking engagement with the first legs;

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a stud extending from the first hole to and beyond the second hole, the stud being adapted to secure the anchor plate and the engagement plate to the beam of the steel web joist.
